

## Gas Tungsten Arc Welding - WE112

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**Section:** WE112 006242S Newton

**Section Type:** Lecture

**Credit Hours:** 3.00

**Course Description:** Through classroom and/or lab/shop learning and assessment activities, students in this course will: explain the gas tungsten arc welding process (GTAW); demonstrate the safe and correct set up of the GTAW workstation; relate GTAW electrode and filler metal classifications with base metals and joint criteria; build proper electrode and filler metal selection and use based on metal types and thicknesses; build pads of weld beads with selected electrodes and filler material in the flat position; build pads of weld beads with selected electrodes and filler material in the horizontal position; perform basic GTAW welds on selected weld joints; and perform visual inspection of GTAW welds.

**WHEN**

Days: MTWRF

Times: 08:00 AM - 10:55 AM

Start Date: 01/07/2025

End Date: 05/13/2025

**WHERE**

Campus: Newton

Building: Newton Brooks Trade Center

Room: NWB111

**INSTRUCTOR**

MICHAEL DANIEL

**BOOKS**

Title: GAS TUNGSTEN ARC WELDING HANDBOOK 7TH Edition

Author: MINNICK AND PROSSER

Required: No